

WHAT IS CLAIMED IS:

1. A method of manufacturing an optical cable comprising:
 - extruding a thermoplastic resin around at least one tension member and
 - 5 at least one optical fiber, the tension member being a fiber reinforced plastic comprising a matrix resin containing styrene, wherein
 - the temperature of the thermoplastic resin during extrusion is in the range of 160°C to 190°C.
- 10 2. The method of manufacturing an optical cable according to claim 1, wherein the optical cable is cooled with a cooling medium at a temperature in the range of 15°C to 50°C after the extrusion of the thermoplastic resin.
- 15 3. The method of manufacturing an optical cable according to claim 1, wherein the tension member further comprises an adhesive layer provided on the surface of the fiber reinforced plastic.
- 20 4. The method of manufacturing an optical cable according to claim 1, wherein the fiber reinforced plastic is a glass-fiber reinforced plastic.
5. The method of manufacturing an optical cable according to claim 1, wherein the fiber-reinforced plastic is an aramid-fiber reinforced plastic.